

If there is no problem, remove the headlight relay and inspect as follows:

- Check the headlight relay for loose or corroded terminals.
- Check for continuity between the green wire and ground. If there is no continuity, the green wire is shorted.

If there is continuity, check for battery voltage between black/red and green on the 4P mini black connector.

If there is no battery voltage, there is an open circuit between the headlight relay and the fuse.

If there is battery voltage, inspect the headlight relay.

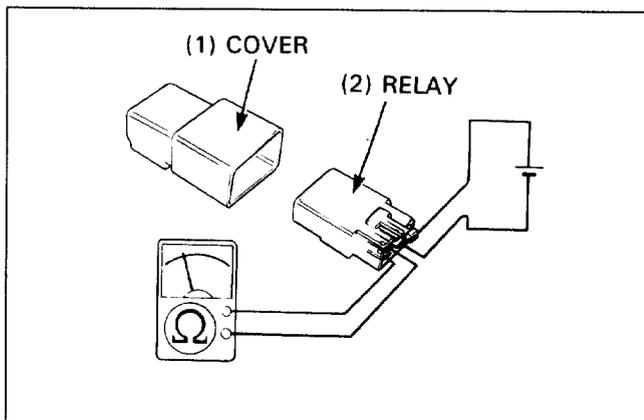
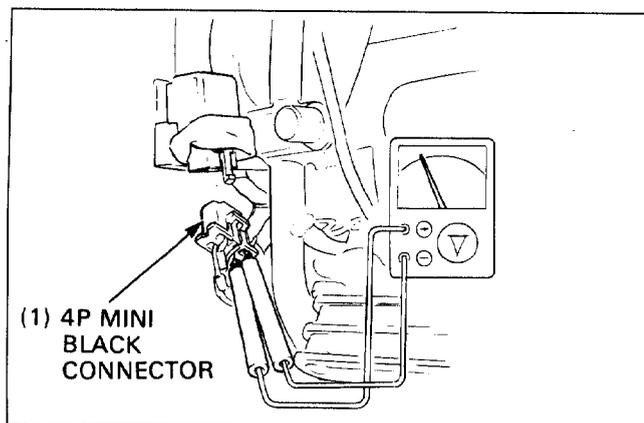
If there is no problem, there is open circuit between headlight relay and headlight, or headlight relay and lighting switch.

**Inspection**

Remove the headlight relay and headlight cover.

When applying battery voltage between blue and green terminals, there should be continuity between the black/red and blue/black wires.

If there is no continuity, replace the headlight relay.



**High Beam Relay**

Remove the upper fairing (page 2-10).

When switching the high beam on, the high beam relay should click.

If the relay does not click, check the connector for a loose connection; check also for a blown fuse.

If there is no problem, check for battery voltage between the blue and green wires of the 4P mini connector.

If the battery voltage is measured, replace the high beam relay.

If the battery voltage is not measured, there is an open circuit in the blue wire.

